

REPORT

ON THE

HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

MIDSUMMER, 1870,

BY WM. HARDWICKE, M.D.,

Medical Officer of Health.

Printed by Order of the Vestry.

Vestry Hall ; July 3rd, 1870.

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from April 9th, to June 25th, 1870.

Week ending		ST. MARY'S.		ST. JOHN'S.		TOTALS.	
		Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
April	9	37	36	22	24	59	60
"	16	34	32	13	14	47	46
"	23	46	29	12	15	58	44
"	30	32	18	9	10	41	28
May	7	49	23	7	14	56	37
"	14	33	32	15	14	48	46
"	21	41	20	21	13	62	33
"	28	40	22	12	6	52	28
June	4	46	27	10	12	56	39
"	11	34	20	12	8	46	28
"	18	36	18	18	15	54	33
"	25	32	21	7	15	39	36
		460	298	158	160	618	458

The deaths during the quarter (including only 12 weeks) are two less than the former quarter of 13 weeks, being at the rate of 18.0 per 1000 of the estimated population. The births, 100 less than usual—618, are at the rate of 24.5 per 1000. The deaths from Zymotic diseases, 62, are very low; half of these are from Scarlet Fever, which is still epidemic in this District. The deaths of children under 5 years of age are also less than the average, probably owing to the mild weather. 39 deaths were in St. Mary's Hospital, and 31 were in the Workhouse, and 2 in the Lock Hospital. Inquests were held on 28 deaths—more than half being after accidents sent into St. Mary's Hospital. In Waverley Road two children in one family died from Whooping Cough; also in Alfred Road, in Charles Mews, and in Burlington Mews from Scarlatina.

One death and a serious accident occurred from falling from flats behind houses that are not properly protected by fence or

parapet. This kind of accident has frequently happened from the same negligence — the houses in Woodchester Street, Clarendon Street, Cirencester Street, Hethpool Street, and perhaps a few others, have a room thrown out behind, with a flat roof, sometimes without any protection by rail or parapet. Inquests have been held upon these accidents, and a Memorial drawing attention to them was lately presented. Mr. Greatorex brought the subject before the Vestry, and it has been suggested that a clause be inserted in the proposed new building Management Act, to insist that owners of houses should protect this kind of roof, as it is generally used for the drying of linen hung out on lines—and children having access to them, meet with grave accidents by falling over in the area below.

The following is a short Summary of proceedings during the last Quarter :—

The combined Drainage of St. Mary's Terrace.

The owners of Nos. 40, 42, 44, 46, 48, 54, 56, 58, 60 and 66 have orders to drain into the Sewers fronting their respective premises, and to contribute towards the cost of the construction of the Sewer.

The Manure Loading Nuisances.

Complaints before a Magistrate for undue retention of manure were recommended against Bunce, Juson, and Franklin, but were not carried out in consequence of the complete abatement of the nuisances in question, and promises to keep their wharves in better condition for the future.

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES during 12 weeks ending June 25th, 1870.

Weeks. ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Croup.	Whooping Cough.	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhœa.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.
April 9.	...	1	1	...	6	2	...	...	...	9	13	26	2	60
" 16.	...	1	4	...	1	1	...	1	...	9	7	20	2	46
" 23.	...	2	2	...	4	1	...	...	...	5	13	15	2	44
" 30.	2	...	1	...	...	1	...	4	4	16	...	28
May 7.	...	1	3	...	3	1	...	...	...	5	3	17	4	37
" 14.	...	1	1	...	1	1	...	...	...	9	8	25	...	46
" 21.	...	1	4	...	...	...	...	1	...	5	4	15	3	33
" 28.	3	...	...	...	...	...	...	8	5	10	2	28
June 4.	2	...	1	1	...	...	...	8	4	23	...	39
" 11.	...	1	5	...	...	...	...	...	...	5	3	12	2	28
" 18.	2	...	...	1	...	...	...	8	3	15	3	33
" 25.	...	1	1	...	1	1	...	3	...	6	3	19	2	46
	...	9	30	...	18	9*	...	6	...	81	70	213	22	458

* These Cases stand on the Register thus :—Low Fever; Fever from Age and Diseases; Hæmorrhage, Typhoid Fever; Gastric Bronchitis, Typhoid Fever; Typhus Fever; Enteric Fever; Typhus (Star Street); Tumour, Hæmorrhage, Fever.

TABLE III.

SUMMARY OF SANITARY WORK, Quarter ending June 25th, 1870.

I.—Inspections consequent on Nuisances, Complaints, and Offensive and Injurious Trades.	{	Houses and Places Inspected with respect to their Sanitary State	108
		Orders issued for Sanitary Works	91
		Works done	81
		Works in progress	15
		Inspections of Offensive Trades	13
		„ Mews and Manure Wharves	56
		„ Cow-houses	56
		„ Slaughter-houses	75
		„ Bake-houses	18
		„ Mortuary or Dead-house almost daily ..	—
		„ Provision Markets every Saturday	—
		„ Churches, Chapels and Schools	12
		„ Factories, Work-rooms and other Public Institutions	20
		„ Small-Pox Conveyance used	2
II.—Systematic Sanitary Inspection of Dwellings	{	Houses and Premises visited and inspected	405
		Re-inspections	380
		Orders issued for Sanitary Works	144
		Works executed	114
		Formal Orders issued by the Vestry	4
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Attendances	21
		Summonses	1
		For obtaining Summonses	2
		„ hearing „	1
		Letters written	14

*Nuisances and Complaints during the last Quarter ending
June 25, 1870.*

The register book of complaints and nuisances contains 133 cases, which admit of the following classification :—

Defects of drainage and untrapped gulleys.	28
„ „ water supply	2
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c.	12
Offensive trades, marine stores, frying of fish, ballast burning, bad meat, &c.	6
Overcrowding and bad ventilation	4
Smoke nuisances	3
Animals being dirtily kept, and noises from.	7
Smells from the Canal Basin	1
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c.	38
Smells from decaying and putrid substances.	19
Defective cleansing of Roadways	5
Dangerous Structure	1
Miscellaneous other complaints	7

133

These Complaints received almost immediate attention.

TABLE IV.

MORTALITY OF THE PARISH OF PADDINGTON during the Quarter ending
June 25th, 1870.

Causes of Death.	Ages.							Total.	Causes of Death.	Ages.							Total.							
	Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above	Under 5 Years.			5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above										
I. ZYMOTIC.									Brought forward									142	28	64	48	49	8	339
Order 1—MIASMATIC.									Order 4—ORGANS OF															
Small-pox	8	1	9		DIGESTION.															
Measles	17	10	2	1	..	..	30		Malignant Dis. of Stom.	..	..	..	1	..	..	..	1	
Scarlatina .....	..	..	..	..	..	..	..		Constipation	1	1	..	1	..	..	..	..	3
Diphtheria	2	..	..	..	..	..	2		Gastritis .....	..	..	..	1	..	..	..	..	1
Croup	17	1	..	..	..	..	18		Peritonitis .....	..	..	..	1	..	..	..	..	1
Whooping Cough .....	..	..	3	1	3	2	9		Ulceration of Pylorus ..	1	..	..	..	..	..	..	..	1
Fever .....	..	..	1	1	..	..	2		Ulceration of Stomach ..	..	..	..	1	..	..	..	..	1
Acute Rheumatis .....	..	..	3	..	..	..	3		Ulceration of Intestines.	..	..	..	1	..	..	..	..	..	
Erysipelas and Pyæmia ..	..	..	..	..	..	..	..		Hernia ..	..	..	..	1	..	..	..	..	1
Metria (Puerperal Fever) ..	..	..	..	..	..	..	..		Cirrhosis .....	..	..	1	4	..	..	..	..	5
Anthrax .....	..	..	..	..	..	..	..		Icterus	2	..	2	..	..	..	..	..	4
Dysentery	4	..	..	1	1	..	6		Cancer of Rectum .....	..	..	..	..	1	..	..	..	1
Diarrhœa .....	..	1	..	..	..	..	..		Diseases of Liver .....	..	1	2	3	1	..	..	..	7
Cholera .....	..	..	..	..	..	..	..		Cancer of Liver .....	..	..	..	..	1	..	..	..	1
Order 2—ENTHETIC.									Order 5—URINARY															
Syphilis	2	..	2	4		ORGANS.															
Hydrophobia .....	..	..	..	..	..	..	..		Bright's Disease .....	..	1	1	2	..	..	..	..	4
Order 3—DIETIC.									Disease of Kidneys	1	3	1	5
Privation	6	..	..	..	..	..	6		Disease of Bladder .....	..	..	..	..	1	..	..	..	1
Want of Breast Milk ..	..	..	..	1	1	..	2		Diabetes .....	..	..	..	1	1	..	..	..	2
Hæmorrhage .....	..	..	1	1	..	..	2		Albumenuria .....	..	..	..	1	..	..	..	..	2
Alcoholism :—									Disease of Prostate .....	..	..	..	..	1	..	..	..	1
a. Del. Tremens		Order 6—UTERUS AND															
b. Intemperance		OVARIES.															
Lead Poisoning .....	..	..	..	..	..	..	..		Disease of Ovaries .....	..	..	2	..	..	..	..	..	2
Order 4—PARASITIC.									Ovarian Dropsy	1	1
Thrush	2	..	..	..	..	..	2		„ Tumour .....	..	..	..	1	..	..	..	..	1
II. CONSTITUTIONAL.									Disease of Uterus	2	1	3
Order 1—DIATHETIC.									Order 7—ORGANS OF															
Gout	1	1	..	2		LOCOMOTION.															
Dropsy	1	..	..	..	3	2	6		Disease of Bones .....	..	..	..	..	..	..	..	..	..
Cancer	1	2	2	2	1	8		Order 8—INTEGUMENT.															
Hæmorrhage .....	..	..	2	..	..	..	2		Phlegmon .....	..	..	..	1	..	..	..	..	1
Order 2—TUBERCULAR.									Ulcers, Gangrene	1	1
Scrofula .....	..	..	..	..	..	..	..		Elephantiasis .....	..	..	..	..	..	..	..	..	..
Tabes Mesenterica	9	9		IV. DEVELOP-															
Consumption	6	2	30	14	52		MENTAL.															
Hydrocephalus and } ..	16	4	20		Order 1—OF CHILDREN.															
Meningitis .....	..	..	..	..	..	..	..		Premature Birth	8	..	..	..	..	..	..	..	8
III. LOCAL.									Malformation of the Heart									1	2
Ord. 1—NERVOUS SYSTEM									Other Malformations ..	6	..	..	..	..	..	..	..	1
Apoplexy .....	..	..	..	1	6	..	7		Teething .....	..	..	..	..	..	..	..	..	6
Paralysis	2	9	1	12		Order 2—OF ADULTS.															
Epilepsy .....	..	..	1	1	..	..	2		Childbirth .....	..	..	1	..	..	..	..	..	1
Convulsions	13	1	14		Order 3—OF OLD															
Effusion of Blood on Brain	1	1	1	1	4		PEOPLE.															
Other Diseases .....	..	1	2	3	1	..	7		Old Age, natural decay ..	..	..	..	1	14	3	..	..	13
Order 2—ORGANS OF									Order 4—DISEASES OF															
CIRCULATION.									NUTRITION.															
Pericarditis .....	..	..	1	..	..	..	1		Atrophy	2	..	..	..	..	..	..	..	2
Embolism .....	..	..	1	..	..	..	1		Exhaustion, Anæmia ..	1	2	2	2	..	..	..	7	
Aneurism	1	1		V. VIOLENT DEATHS.															
Fatty Heart	2	2		Order 1—ACCIDENTS AND															
Disease of Heart	1	6	4	6	1	18		NEGLIGENCE.															
Spasm of Heart	1	1		Fraet & Contusions from															
Order 3—ORGANS OF									Rail. Street Accident, &c.									5	5	2	..	13
RESPIRATION.									Burns and Scalds									2	2
Laryngitis	1	..	1	..	..	..	2		Drowning .....	..	1	..	..	..	..	..	..	1
Laryngismus	1	1	..	..	..	..	2		Suffocation .....	..	..	..	..	..	..	..	..	..
Bronchitis	24	2	1	6	14	1	48		Order 2.—HOMICIDE.															
Pleurisy	1	..	1	..	2		Infanticide									2	2	
Pneumonia	12	1	1	2	16		Suicides, Hanging	1	1	
Asthma	1	..	2	1	..	4		Poisoning	1	1	
Other Diseases	2	1	3		Pistol-shot	1	
Carried forward									No Specified Cause									1
									TOTALS									171	35	84	76	76	13	458

TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending June 25, 1870.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	Total.
St. Mary's Hospital	1	..	..	..	..	1	4	3	13	17	39
Paddington Workhouse	2	..	..	..	..	..	..	9	4	1	15	31
Lock Hospital	2	2
Praed Street, including (1)	2	1	..	1	1	..	..	5	10	..	10	30
Harrow Road & N. W. Road (2)	1	..	..	2	2	6	1	8	20
Hali Park District (3)	1	1	1	1	..	..	..	2	6	..	5	17
Amberley Road District (4)	1	..	..	..	..	..	1	1	..	3	6
Kilburn District (5)	1	..	..	..	5	3	..	10	19
Clarendon Street	4	4	..	3	11
Woodchester Street	2	2	..	1	5
Cirencester Street	2	..	..	..	4	..	..	3	9
Brindley Street	2	1	..	..	3
Hampden Street, &c. (6)	3	..	..	..	3	3	..	7	16
Westbourne Terrace North, &c. (7)	2	..	..	..	..	..	..	6	1	..	3	12
Woodfield Road, &c. (8)	7	..	..	1	..	1	4	2	1	11	27
Moscow Road, Salem Gardens, &c. (9)	1	..	1	2	..	..	3	1	1	8	17
Squares and Mansions (10)	1	4	..	..	1	..	1	7	4	..	27	45
Mews and Stables	1	6	..	3	2	1	..	4	5	1	12	35
Other Places, including (11)	8	..	5	2	1	1	14	14	4	65	114
TOTALS.....	..	9	30	1	18	9	2	7	81	70	22	209	458

- [1.] South Wharf Road, Union Street, Stanley Street, Francis Street, Cambridge Street, Market Street, Sale Street, Star Street, Bouverie Street, York Row, Titchborne Street.
- [2.] Edgware Road, Church Place, Hermitage Street, Dudley Street, Kent's Place, Willing's Place, Victoria and Albert Street, Green Street, North Wharf Road, Iron Gate White Lion Passage, Edgware Place.
- [3.] Hall Place, Cuthbert Street, Howell Street, Charlotte Place, Old Church Street, Crompton Street, Braithwaite Place, Campbell Street.
- [4.] Netley Street, and Amberley Wharves.
- [5.] Andover Place, Kilburn Park Road, Queen's Arms Yard, Elgin Terrace, Maida Vale, Carlton Place, Canterbury Terrace, Lanark Villas.
- [6.] Alfred Road, Waverley Road, Orchard Street.
- [7.] Senior Street, Emily Street, Philip Terrace, Dartington Terrace, Hasboro' Street Ranelagh Road, Westbury Terrace, Cottage Road, Westbourne Park Crescent.
- [8.] Woodfield Place, Windsor Gardens and Street, John Street, Chippenham Terrace, Frankfort Terrace, Elgin Road, Kensal New Town, Carlton Terrace, Goldney Road.
- [9.] Pickering-Pl., Albert-Ter., Douglas-Pl., Caroline-Pl., Bark-Pl., Poplar-Pl., Chapel Side.
- [10.] Westbourne-Ter., Gloucester-Pl., Porchester-Ter., Craven Hill and Gardens, Lancaster Gate, Hyde-Pk.-Sq., Hyde-Pk.-Gar., Inverness-Ter., Queensboro'-Ter., Cleveland Row, Square, and Gardens.
- [11.] Houses in Streets not under special inspection, inhabited generally by one family only.

TABLE VI.
SYSTEMATIC HOUSE TO HOUSE INSPECTION.

Streets Inspected Systematically.	No. of Houses Inspected.	No. of Holdings.	No. of Rooms.	No. of Adults.	No. of Children.	Average No. of persons living in		Total No. of Inhabitants in the Streets.	Average Cubic Space in each House.	Average Cubic Space for each person.	Cubic Space of inhabited Dwellings.	Average No. of		Defects in Water supply.	Defects in W.C. Apparatus.	Defects in Traps & Drains.	Defects in Cleansing of		No. of Sanitary Orders issued.
						each house.	each room.					Doors,	Windows, Chimnies.				Yards.	Houses.	
Star Street.....	86	380	678	671	202	10.1	1.2	873	2 houses. 5309 10807	525.7 1007.	10618 907788	2 1	7 5	..	(3) 10	(4) 14	(5) 31	(6) ..	36
Market Street	64	175	309	329	165	7.7	1.5	494	4h.7132 5321 1 house.	703.5	28528 318860	3 2	13 4	2	9	7	7	7	39
Bouverie Street.....	15	81	122	117	63	12.0	1.4	180	7 773 14h6493	548.	7772 90902	3 1	13 2	..	..	5	9	1	7
Sale Street.....	27	103	187	193	101	10.8	1.5	294	..	..	..	3 3	13 8	1	3	1	4	1	7
Titchborne Row	12	24	44	41	44	7.0	1.9	85	3928	554.5	47136	2	6	..	1	7	3	5	4
York Row	11	27	48	40	47	7.9	1.8	87	4254	538.3	46794	..	..	1	2	4	2	..	4
Junction Road	4	17	24	21	11	8.0	1.3	32	..	..	..	3	7	..	2	..	2	..	..
Union Place	23	57	70	103	84	8.1	2.6	187	3398	418.	78156	..	..	..	1	10	4	2	12
South Wharf Road	28	173	91	162	87	8.8	2.7	249	4 houses. 3072 24h4144	448.8	12286 & 99456	2 2	5 7	1	2	10	4	3	..
Mint Cottages (1) .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Stanley Street (2)	21	86	168	179	64	..	1.4	243	12640	..	265440	2	11	..	..	..	..	..	..
Francis Street	7	18	41	31	21	7.4	1.2	52	3h.6640 4h.3320	446.1	19920 13280	..	..	1	..	1	..	..	2
Cambridge Place	12	47	96	86	43	10.7	1.3	129	All Saints' School in this Street. 9807	916.5	117 684	..	..	..	2	2	1	1	4
TOTALS.....	310	1188	1878	1973	932	..	..	2907	..	..	..	..	..	..	..	..	..	..	..

(1) & (2). These are incomplete inspections. (3) These Orders are either to reinstate Water supply, provide new pan, or to ventilate the W.C.
(4) These are to provide or amend Trap in Area, amend or cleanse Drain, &c. (5) & (6) Lime Washing Basement, Ventilate Passage and Staircase, cleanse Area and Yard, cover, amend, provide, or empty Dust Bin.

These Streets are highly populated, almost every house is let out in holdings ; some houses and rooms are occasionally found to be overcrowded, especially where the family can only afford a single room. I know of no means to abate this form of overcrowding—we cannot turn them out.

The result of systematic Sanitary Inspection enables me to add the following Streets and Places to the list published in former Reports :—

Improvement of Harrow Road and demolition of Houses in Courts on the North side.

I was requested to furnish a Report on the condition of small tenements proposed to be taken down for the purpose of widening Harrow Road. A summary of this Report will be found in my Annual Report. The Committee have also under consideration in connexion with the Bill to be introduced into Parliament for the improvement of Harrow Road, and Edgware Roads, whether any provision should be made, such as is contemplated in 191st standing order of the House of Lords, for remedying the inconvenience likely to arise from the displacement of the tenants of the houses proposed to be demolished. In pursuance therewith, a Sub-Committee was appointed to enquire and report as to any site that may exist in the Parish for the erection of model dwelling houses for such persons as may be displaced in the event of the proposed improvements being carried out.

Refuse from Gullies.

In conjunction with the Surveyor, I reported upon the best method to be adopted for disinfecting gully refuse after it was taken out, and it was resolved that all gully refuse should be removed as speedily as possible, but meanwhile to be disinfected at a cost not exceeding 1s. 6d. a day for materials.

The Ventilation of Sewers.

Dangerous nuisances are frequently caused from the Sewer Ventilators in the Street. One in St. Stephen's Crescent was so bad that persons could not sit out on the balcony opposite. It was referred to the Highway Committee, who ordered its removal. The thanks of the inhabitants were tendered for the relief afforded by the removal of what they termed a "virulent nuisance."

Utilization of Urine.

A request of Mr. J. Banheur, to be informed on what terms the Vestry will grant a concession of the Urine obtained from the Public Urinals for a term of three years, has been referred to me for consideration and report.

The Canal Basin.

On the 4th of June the water was let off from the Canal Basin, with the prospect of cleansing it. I waited upon the Directors of the Canal Company representing the precautions which the Committee deemed expedient for making such cleansing effectual, and to point out the insufficient compliance therewith on the last occasion of cleansing, and to urge the Company the necessity of exercising their authority to secure

satisfactory operations. I further called the attention of the Directors to the practice of discharging water saturated with manure into the Canal, after the barges have passed the weigh bridge. In conjunction with the Engineer of the Canal Company, I waited upon all the Wharfingers on the Basin, and received the assurance from them that they would do their utmost in meeting the wishes of the Committee, by aiding in the efficient cleansing of the Basin, in those portions of frontage opposite their respective holdings. The Report of the Inspector of Nuisance on the manner in which the work was accomplished, shows that 43 boats were employed, and about 100 men for two or nearly three days ; but that the middle portions of the Basin were not thoroughly cleansed of mud — in some places — and that a large quantity of soft mud was still remaining when the water was admitted into the Basin.

Resignation of the Assistant Inspector.

On May 6th, Inspector Davenport was reported to have been absent from duty for a fortnight, and was requested to attend the next Committee ; his explanation not being sufficiently satisfactory, he was requested to resign his situation. On the 16th of June, a letter was received tendering his resignation. He had been an excellent Officer, and did much useful Sanitary work.

The following Publications and Papers in relation to Public Health have been received during the last Quarter :—

On the present prospects of the Sewage question in relation to Public Health ; with review of the Report of the Commissioners appointed in 1863 to inquire into the best means of preventing the Pollution of Rivers : by H. Lethby, Esq., M.B., &c.

Thirty-first Annual Report of the Registrar General — Abstracts of 1868, Appendix, Letters, &c.

Home Politics, considered in relation to labour, pauperism and emigration : by Daniel Grant, Esq. Longman & Co.

Hard and Soft Water : by L. C. Homersham, 1870.

Report of the Sanitary condition of St. Pancras : by Thos. Stevenson, M.D., &c.

„ the Health of Liverpool : by W. S. Trench, M.D., &c.

„ the Borough of Bath : by C. J. Barter, M.B., Lond., &c.

„ Relapsing Fever in St. Giles' District, 1869-70 : by Geo. Ross, M.D., &c.

Les ennemis de la santé ; par A. Riaux, Professeur d'hygiène de l'Association Polytechnique.

The Food Journal—Monthly Record of Food and Public Health, No. 6.

Revelations about Tobacco, a Prize Essay : by Hampton Brewer, L.R.C.P., &c.

North of England Anti Tobacco Society Report, 1868.

The Medical Practitioners' Legal Guide ; or Laws relating to the Medical Profession : by Hugh Weightman, Esq., M.A., Barrister at Law of the Inner Temple, and Oxford Circuit.

Four Years' experience as a Health Officer of Bristol : D. Davies, Esq., Bristol.

Les habitations economique, par R. Menu de St. Mesmin, Secrétaire General de l'Association Polytechnique.

Les Améliorations Sociales du Second Empire, par Charles Robert, Secrétaire General du Ministère de l'Instruction Publique.